

Notice of Allowability

Application No.

09/631,198

Examiner

DiLinh Nguyen

Applicant(s)

LAMSON ET AL.

Art Unit

2814

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/27/04.
2. ☒ The allowed claim(s) is/are 1-22,30,33,34,36 and 37.
3. ☒ The drawings filed on 03 August 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jay M. Cantor on 4/30/04.

In the claims:

in line 8 of claim 30, delete "and";

in line 9 of claim 30, delete "." and insert --; and--;

after line 9 of claim 30, insert --wherein said signal lines are of a first width, said first power lines are of a second width different from said first, and said second lines are of a third width different from said first and second widths;

wherein said third width is wider than said second width, and said second width is wider than said first width.--

Cancel claims 31-32.

In line 8 of claim 34, delete "and";

in line 10 of claim 34, delete "." and insert --; and--;

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after line 10 of claim 34, insert – wherein said lines of said first width are signal lines, said lines of said second width are power lines coupled to a first voltage potential, and said lines of said third width are power lines coupled to a second voltage potential;

wherein said third width is wider than said second width, and said second width is wider than said first width.--

Cancel claim 35.

In line 8 of claim 37, delete "and";

in line 9 of claim 37, delete "." and insert --; and--;

after line 9 of claim 37, insert –wherein said signal lines are of a first width, said first power lines are of a second width different from said first, and said second lines are of a third width different from said first and second widths;

wherein said third width is wider than said second width, and said second width is wider than said first width.--

Cancel claims 38-39.

REASONS FOR ALLOWANCE

Claims 1-22, 30, 33-34 and 36-37 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 1-22 are allowed (see the previous examiner's statement of reasons for allowance).

Claim 30, 33-34 and 36-37 are allowed because the prior art of record fail to disclose the combination of all the limitations recited, including the signal lines between

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the pair of the plurality of first power lines and the pair of the plurality of first power lines disposed between a pair of the second power lines; wherein the signal lines are of a first width, the first power lines are of a second width different from the first, and the second power lines are of a third width different from the first and second widths; wherein the third width is wider than the second width, and the second width is wider than the first width.

Therefore, the amended limitations together with the overall structure of the packaged integrated circuit is neither anticipated nor rendered obvious over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

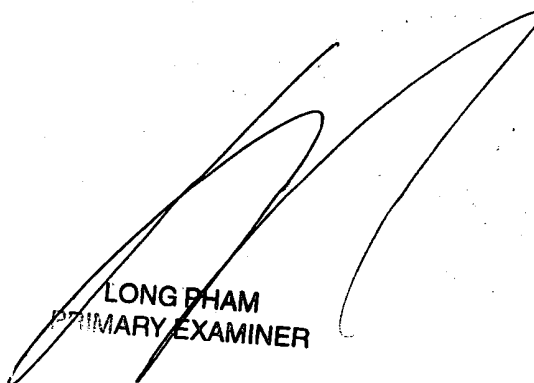
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DiLinh Nguyen whose telephone number is (571) 272-1712. The examiner can normally be reached on 8:00AM - 6:00PM (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on (571) 272-1705. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DLN



LONG PHAM
PRIMARY EXAMINER